

Form PTO-1449
(Rev. 2-88)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
6704-11APPLICATION NO.
09/780,210INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Monica M. Jablonski and
Alessandro Iannaccone

FILING DATE

Feb. 9, 2001

GROUP

1612

U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
2.f	A1	6,066,675	05/23/00	Wen, et al.	514	649	09/08/97
2.f	A2	5,872,086	02/16/99	Ellis, et al.	510	112	09/17/97
2.f	A3	5,830,508	11/03/98	Mackeen	424	602	01/21/97
2.f	A4	5,891,913	04/06/99	Sllman, et al.	514	567	08/27/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

2.f	C1	Burke and Schwartz, "Preclinical Evaluation of Brimonidine" <i>Surv. Ophthalmol.</i> , 41 Suppl 1:S9-18, November, 1996.
2.f	C2	Cao, et al., "Induction of Basic Fibroblast Growth Factor in Muller Cells" <i>Invest. Ophthalmology Vis. Sci.</i> , 38, 1358-1366, June, 1997.
2.f	C3	Carlsson, Chauhan, Lee and Leblanc, "Intraocular Pressure and Progression of Glaucomatous Visual Field Loss" <i>Am. J. Ophthalmol.</i> , 128:697-701, December 1999.
2.f	C4	Cideciyan and Jacobson, "Negative electroretinograms in Retinitis Pigmentosa" <i>Invest. Ophthalmology Vis. Sci.</i> 34, 3253-3263, November 1993.
2.f	C5	Eisenfeld, et al. "Muller Cell Expression of Glial Fibrillary Acidic Protein after Genetic and Experimental Photoreceptor Degeneration in the Rat Retina", <i>Invest. Ophthalmology Vis. Sci.</i> , 25, 1321-1328 1984.
2.f	C6	Erickson, et al., "Glial Fibrillary Acidic Protein Increases in Muller Cells after Retinal Detachment" <i>Exp. Eye Res.</i> , 44, 37-48, 1987.
2.f	C7	Ervin, et al., "Brimonidine Rescues Photoreceptors from Degeneration Induced by Retinal Pigment Epithelium Removal in Vitro" <i>Invest. Ophthalmology Vis. Sci.</i> 40, S160, Abstract Book, Annual Meeting Fort Lauderdale, FL May 9-14, 1999, Published March 15, 1999
2.f	C8	Falsini, et al., "Postreceptor Contribution to Macular Dysfunction in Retinitis Pigmentosa" <i>Invest. Ophthalmology Vis. Sci.</i> 35, 4282-4290, December 1994.
2.f	C9	Flannery, et al., "Degenerative Changes in a Retina Affected with Autosomal dominant Retinitis Pigmentosa" <i>Invest. Ophthalmology Vis. Sci.</i> , 30, 191-211, February 1989.

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2-f	C10	Germer, et al., "Modification of glutamine synthetase expression by mallalian Muller (glial) cells in retinal organ cultures" <i>NeuroReport</i> , 8(14) 3067-3072, September 29, 1997.
2-f	C11	Green, W. R., "Histopathology of age-related macular degeneration" <i>Molecular Vision</i> , 5:27-36, 1999.
2-f	C12	Guérin, et al., "Recovery of Photoreceptor Outer Segment Length and Analysis of Membrane Assembly Rates in Regenerating Primate Photoreceptor Outer Segments", <i>Invest. Ophthalmology Vis. Sci.</i> , 34, 176-183, January 1993.
2-f	C13	Guérin, et al., "Retinal Reattachment of the Primate Macula" <i>Invest. Ophthalmology Vis. Sci.</i> , 30, 1708-1725, August 1989.
2-f	C14	Jablonski, and Ervin, "Closer Look at Lactose-Mediated Support of Retinal Morphogenesis", <i>The Anatomical Record</i> , 259, 205-214, 2000
2-f	C15	Jablonski and Iannaccone, "Lactose supports Muller cell protein expression patterns in the absence of the retinal pigment epithelium", <i>Molecular Vision</i> , 7, 27-35, February 13, 2001.
2-f	C16	Jablonski, Wohabrebbi and Ervin, "Lactose promotes organized photoreceptor outer segment assembly and preserves expression of photoreceptor proteins in retinal deteneration" <i>Molecular Vision</i> , 5, 16-23, August 11, 1999.
2-f	C17	Jacobson, A.G., "Amphibian Cell Culture, Organ Culture, and Tissue Dissociation", in <i>Amphibian Culture Techniques</i> , 1967.
2-f	C18	Lachkar, Midgal and Dhanjil, "Effect of Brimonidine Tartrate on Ocular Hemodynamic Measurements" <i>Arch. Ophthalmol.</i> , 116:1591-1594, December, 1998.
2-f	C19	Lewis, et al., "Changes in the Organization and Expression of Cytoskeletal Proteins During Retinal Degeneration Induced by Retinal Detachment" <i>Invest. Ophthalmology Vis. Sci.</i> , 36, 2404-2416, November 1995.
2-f	C20	Li, et al., "Autosomal Dominant Retinitis Pigmentosa Caused by the Threonine-17-Methionine Rhodopsin Mutation: Retinal Histopathology and Immunocytochemistry", <i>Immunocytochemistry</i> , 397-408, 1994
2-f	C21	Li, et al., "Muller cell expression of glial fibrillary acidic protein (GFAP) in RPE-cell transplanted retinas of RCS dystrophic rats" <i>Current Eye Research</i> , 12, 841-849, September 1993.
2-f	C22	Li, et al., "Histopathology of Bone Spicule Pigmentation in Retinitis Pigmentosa" <i>Ophthalmology</i> , 102, 805-816, May 1995.
2-f	C23	Li, et al., "Rod Photoreceptor Neurite Sprouting in Retinitis Pigmentosa" 5429-5438, 1995.
2-f	C24	Matsuo, T. and Cynader, M.S. "Localization of alpha-2 adrenergic receptors in the human eye" <i>Ophthalmic Res.</i> , 24, 213-219, 1992.
2-f	C25	Newman and Reichenbach, "The Muller cell: a functional element of the retina" <i>Trends in Neuroscience</i> , 19, No. 8, 307-312, 1996.
2-f	C26	Osborne et al., "Inhibition of cAMP production by alpha 2-adrenoceptor stimulation in rabbit retina" <i>Brain Res.</i> , 553, 84-88, July 5, 1991.
2-f	C27	Peng et al., "Alpha 2-adrenergic Agonists Selectively Activate Extracellular Signal Regulated Kinases In Muller Cells in Vivo" <i>Invest. Ophthalmology Vis. Sci.</i> , 39, 1721-1726, August 1998.

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2.f	C28	Pennesi et al., "Extreme Responsiveness of the Pupil of the Dark-Adapted Mouse to Steady Retinal Illumination" <i>Invest. Ophthalmology Vis. Sci.</i> , 39, 2148-2156, October 1998.
2.f	C29	Reichenbach, et al., "What do Retinal Muller (Glial) Cells do for their Neuronal 'Small Siblings'?", <i>J. Chem. Neuroanatomy</i> , 6, 201-213, 1993.
2.f	C30	Ripps and Witkovsky, "Neuron-Glia Interaction in the Brain and Retina" chapter 7, vol. 4, <i>Progress in Retinal Research</i> , 181-210, 1985.
2.f	C31	Stiemke and Hollyfield, "Outer segment disc membrane assembly in the absence of the pigment epithelium: the effect of exogenous sugars", <i>Dev. Brain Res.</i> , 80, 285-289, 1994.
2.f	C32	Stiemke et al., "Photoreceptor Outer Segment Development in <i>Xenopus laevis</i> : Influence of the Pigment Epithelium", <i>Dev. Biol.</i> , 162, 169-180, 1994.
2.f	C33	Stiemke and Hollyfield, "Cell birthdays in <i>Xenopus laevis</i> retina", <i>Differentiation</i> , 58, 189-193, 1995. 1994.
2.f	C34	Wen et al., "Alpha-2 Adrenergic Agonists Induce Basic Fibroblast Growth Factor Expression in Photoreceptors <i>In Vivo</i> and Ameliorate Light Damage", <i>J. Neurosci.</i> , 16, 5986-5992, 1996.
2.f	C35	Wheeler and Woldemussie, "From the lab to the clinic: Activation of Alpha-2 agonist pathway is neuroprotective in models of Retinal and Optic Nerve Injury" <i>Eur. J. Ophthalmol.</i> , Jan.-March 9 Suppl 1:217-21, 1999.
2.f	C36	Yoles, Wheeler and Schwartz, "Alpha2-adrenoreceptor Agonists are Neuroprotective in a Rat Model of Optic Nerve Degeneration" <i>Invest. Ophthalmol. Vis. Sci.</i> , 40:65-73, January 1999.
2.f	C37	Zarbin et al., "Autoradiographic Localization of High Affinity GABA, Benzodiazepine, Dopaminergic, Adrenergic and Muscarinic Cholinergic Receptors in the Rat, Monkey and Human Retina", <i>Brain Res.</i> , 374, 75-92, 1986.

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